

“Wall and Partition Construction and Method
Using Hat-Channel Members”

ABSTRACT OF THE DISCLOSURE

5 **[0056]** An improved wall and partition construction method that is more time and cost
efficient to construct than conventional methods, and that includes no exterior attachment
means, thus providing a finished wall with a substantially seamless first and second
surface. The improved wall is constructed by attaching rigid panels to a series of channel
members each having a hat-shaped cross section generally placed in vertical orientation,
10 along the centerline of a wall. Each channel member includes a plurality of openings that
provide an interior pathway for routing utility and communication cables, and/or for
containing supplemental insulation. Compressed straw panels are attached to the channel
members in a slightly offset alternating manner such that each panel can be rigidly
connected to a channel member by a plurality of lag screws with each penetrating the
15 panel from the inside such that the finished wall has no exterior penetrations.